

CRF Errors Corrected by the STIC Systems Branch

CRF Processing Date: 3/10/2003

Edited by: [Signature]

Verified by: [Signature]

(STIC staff)

Serial Number: 10/083,919A

ENTERED

TECH CENTER 180012900

MAR 19 2003

RECEIVED

- ☐ Changed a file from non-ASCII to ASCII
- ☐ Changed the margins in cases where the sequence text was "wrapped" down to the next line.
- ☐ Edited a format error in the Current Application Data section, specifically: _____
- ☐ Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____
- ☐ Added the mandatory heading and subheadings for "Current Application Data".
- ☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.
- ☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____
- ☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____
- ☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____
- ☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.
- ☐ Inserted colons after headings/subheadings. Headings edited included: _____
- ☐ Deleted extra, invalid, headings used by an applicant, specifically: _____
- ☒ Deleted: ☒ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____
- ☐ Inserted mandatory headings, specifically: _____
- ☐ Corrected an obvious error in the response, specifically: _____
- ☐ Edited identifiers where upper case is used but lower case is required, or vice versa.
- ☐ Corrected an error in the Number of Sequences field, specifically: _____
- ☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.
- ☐ Deleted *ending* stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____
- ☐ Other: _____

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95



RAW SEQUENCE LISTING

DATE: 03/10/2003

PATENT APPLICATION: US/10/083,919A

TIME: 13:26:22

Input Set : N:\AMC\PTO.AMC.txt

Output Set: N:\CRF4\03102003\J083919A.raw

5 <110> APPLICANT: Prayaga, Sudhirdas K
7 Shimkets, Richard A
9 Majumder, Kumud
11 Eisen, Andrew
13 Vernet, Corine
15 Spaderna, Steven K
17 Baumgartner, Jason
19 Gorman, Linda
21 Gusev, Vladimir
23 Padigar, Muralidhara
25 Patturajan, Meera
27 Tchernev, Velizar
29 Li, Li

33 <120> TITLE OF INVENTION: ENDOZEPINE-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES
35 ENCODING SAME

39 <130> FILE REFERENCE: 15966-575CIP

43 <140> CURRENT APPLICATION NUMBER: 10/083,919A

45 <141> CURRENT FILING DATE: 2002-02-27

49 <150> PRIOR APPLICATION NUMBER: 60/157,786

51 <151> PRIOR FILING DATE: 1999-10-05

55 <150> PRIOR APPLICATION NUMBER: 60/164,164

57 <151> PRIOR FILING DATE: 1999-11-09

61 <150> PRIOR APPLICATION NUMBER: 60/174,505

63 <151> PRIOR FILING DATE: 2000-01-04

67 <150> PRIOR APPLICATION NUMBER: 60/183,859

69 <151> PRIOR FILING DATE: 2000-02-22

73 <150> PRIOR APPLICATION NUMBER: 60/190,740

75 <151> PRIOR FILING DATE: 2000-03-20

79 <150> PRIOR APPLICATION NUMBER: 60/191,133

81 <151> PRIOR FILING DATE: 2000-03-22

85 <150> PRIOR APPLICATION NUMBER: 60/206,006

87 <151> PRIOR FILING DATE: 2000-05-19

91 <150> PRIOR APPLICATION NUMBER: 60/215,684

93 <151> PRIOR FILING DATE: 2000-06-30

97 <150> PRIOR APPLICATION NUMBER: 60/219,490

99 <151> PRIOR FILING DATE: 2000-07-20

103 <150> PRIOR APPLICATION NUMBER: 60/227,072

105 <151> PRIOR FILING DATE: 2000-08-22

109 <150> PRIOR APPLICATION NUMBER: 09/679,460

111 <151> PRIOR FILING DATE: 2000-10-04

115 <150> PRIOR APPLICATION NUMBER: 09/679,740

117 <151> PRIOR FILING DATE: 2000-10-05

121 <150> PRIOR APPLICATION NUMBER: 60/271,909

RAW SEQUENCE LISTING

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Input Set : N:\AMC\PTO.AMC.txt

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139 <212> TYPE: DNA
141 <213> ORGANISM: Homo sapiens
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147 <221> NAME/KEY: misc_feature
149 <222> LOCATION: (95)
151 <223> OTHER INFORMATION: wherein n is a g or t
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W--> 159 tccaccaccc catgtgccaa gtggagtctg agctntgagg ccctcaagca gctgaagggt 120
161 cccgtgagcg atcaggagaa gctgctggtc tacggcttgt acaaacaggc caccagggc 180
163 gactgagaca tccccggccc tccggcctca gacgtgagag ccagggccaa gtgggaggct 240
165 tggagcgcca acaaaggggc gtccaagatg gacgccatga ggggctacgc ggccaaagtg 300
167 gaggagctga cgaagaag 318
171 <210> SEQ ID NO: 2
173 <211> LENGTH: 107
175 <212> TYPE: PRT
177 <213> ORGANISM: Homo sapiens
180 <220> FEATURE:
182 <221> NAME/KEY: VARIANT
184 <222> LOCATION: (32)
186 <223> OTHER INFORMATION: wherein Xaa is any amino acid
190 <400> SEQUENCE: 2
192 Asp Arg Val Val Thr Ala Thr Pro Thr Leu His Leu Gln Leu Leu Ala
194 1 5 10 15
W--> 198 Pro Gly Thr Ala Ser Thr Thr Pro Cys Ala Lys Trp Ser Ser Ser Xaa
200 20 25 30
204 Ala Ala Leu Lys Gln Leu Lys Gly Pro Val Ser Asp Gln Glu Lys Leu
206 35 40 45
210 Leu Val Tyr Gly Leu Tyr Lys Gln Ala Thr Gln Gly Asp Cys Asp Ile
212 50 55 60
216 Pro Gly Pro Pro Ala Ser Asp Val Arg Ala Arg Ala Lys Trp Glu Ala
218 65 70 75 80
222 Trp Ser Ala Asn Lys Gly Ala Ser Lys Met Asp Ala Met Arg Gly Tyr
224 85 90 95
228 Ala Ala Lys Val Glu Glu Leu Thr Lys Lys Glu
230 100 105
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238 <211> LENGTH: 351
240 <212> TYPE: DNA
242 <213> ORGANISM: Homo sapiens
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250 tccctgcagg ctgattttga catggtcaca gaagatgtga ggaagctgaa aacaagacca 120
252 gatgatgaag aactgaaaga actttatggg ctttacaaac aagctgtaat tggaaacatt 180

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254 aatattgagt gttcagaaat gctagaatta aaaggcaagg ccaaattgga agcacagaac 240
256 ccccaaaaag gattgtcaga ggaagatatg atgcgtgcct ttatttctaa agccgaagag 300
258 ctgatagaaa aatatggaat ttagaataaa gcatatgata aattttcctt t 351
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264 <211> LENGTH: 88
266 <212> TYPE: PRT
268 <213> ORGANISM: Homo sapiens
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274 Met Ser Leu Gln Ala Asp Phe Asp Met Val Thr Glu Asp Val Arg Lys
276 1 5 10 15
280 Leu Lys Thr Arg Pro Asp Asp Glu Glu Leu Lys Glu Leu Tyr Gly Leu
282 20 25 30
286 Tyr Lys Gln Ala Val Ile Gly Asn Ile Asn Ile Glu Cys Ser Glu Met
288 35 40 45
292 Leu Glu Leu Lys Gly Lys Ala Lys Trp Glu Ala Gln Asn Pro Gln Lys
294 50 55 60
298 Gly Leu Ser Glu Glu Asp Met Met Arg Ala Phe Ile Ser Lys Ala Glu
300 65 70 75 80
304 Glu Leu Ile Glu Lys Tyr Gly Ile
306 85
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326 agttccagac cagctgtcca acatggcaaa acccatctcc actaaaaata caaaaattag 120
328 ccggcatggg tggcatgcag ctgtaatcac agctgctcgg gaggctgagg cggagaatca 180
330 cttgagctgg gaagaaaaaa aaaaaaaaaa aagatgtgca ggtattaagc actttaagac 240
332 caagccagca gatgatgaga tgcggttcct ttacggccac tacaaacgag cgactgtagg 300
334 caacataaag acagaacggc cagggatggt ggacttcaag ggcaaagcca agtgggatcc 360
336 ctggaattta gtgaaagggg ctgccagggg agatcccatg aaagctaaag cttacgtcaa 420
338 aaaagtagaa gagttaaaga aaaaattcag aatacgagag actggaattg ttgccagcca 480
340 tgcctttgtc ctaaaactgag acaatgcctt gttttttcta cactgtggat ggtgggaact 540
342 gatggaaaga atcagctaac ccac 565
346 <210> SEQ ID NO: 6
348 <211> LENGTH: 138
350 <212> TYPE: PRT
352 <213> ORGANISM: Homo sapiens
356 <400> SEQUENCE: 6
358 Met Ala Lys Pro Ile Ser Thr Lys Asn Thr Lys Ile Ser Arg His Gly
360 1 5 10 15
364 Trp His Ala Ala Val Ile Thr Ala Ala Arg Glu Ala Glu Ala Glu Asn
366 20 25 30
370 His Leu Ser Trp Glu Glu Lys Lys Lys Lys Arg Cys Ala Gly Ile
372 35 40 45
376 Lys His Phe Lys Thr Lys Pro Ala Asp Asp Glu Met Arg Phe Leu Tyr
378 50 55 60
382 Gly His Tyr Lys Arg Ala Thr Val Gly Asn Ile Lys Thr Glu Arg Pro

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Input Set : N:\AMC\PTO.AMC.txt

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384 65              70              75              80
388 Gly Met Val Asp Phe Lys Gly Lys Ala Lys Trp Asp Pro Trp Asn Leu
390              85              90              95
394 Val Lys Gly Ala Ala Arg Glu Asp Pro Met Lys Ala Lys Ala Tyr Val
396              100              105              110
400 Lys Lys Val Glu Glu Leu Lys Lys Lys Phe Arg Ile Arg Glu Thr Gly
402              115              120              125
406 Ile Val Ala Ser His Ala Phe Val Leu Asn
408              130              135
414 <210> SEQ ID NO: 7
416 <211> LENGTH: 310
418 <212> TYPE: DNA
420 <213> ORGANISM: Homo sapiens
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426 ttggtggttaa atgctccttt tgtttggttg tttgttcttc cttaaggctg attttgacag 60
428 ggctgcagaa gatgtgagga agctgaaagc aagaccagat gatggagaac tgaaagaact 120
430 ctatgggctt tacaacaag caatagttgg agacattaat attgctgtgc caggaatgct 180
432 agatttaaaa ggcaaagcca aatgggaagc atggaacctc aaaaaagggt tgtcgacgga 240
434 agatgcgacg agtgcctata tttctaaagc aaaggagctg atagaaaaat acggaattta 300
436 gaatacacga                               310
440 <210> SEQ ID NO: 8
442 <211> LENGTH: 96
444 <212> TYPE: PRT
446 <213> ORGANISM: Homo sapiens
450 <400> SEQUENCE: 8
452 Met Leu Leu Leu Phe Val Cys Leu Phe Phe Leu Lys Ala Asp Phe Asp
454 1              5              10              15
458 Arg Ala Ala Glu Asp Val Arg Lys Leu Lys Ala Arg Pro Asp Asp Gly
460              20              25              30
464 Glu Leu Lys Glu Leu Tyr Gly Leu Tyr Lys Gln Ala Ile Val Gly Asp
466              35              40              45
470 Ile Asn Ile Ala Cys Pro Gly Met Leu Asp Leu Lys Gly Lys Ala Lys
472              50              55              60
476 Trp Glu Ala Trp Asn Leu Lys Lys Gly Leu Ser Thr Glu Asp Ala Thr
478 65              70              75              80
482 Ser Ala Tyr Ile Ser Lys Ala Lys Glu Leu Ile Glu Lys Tyr Gly Ile
484              85              90              95
496 <210> SEQ ID NO: 9
498 <211> LENGTH: 280
500 <212> TYPE: DNA
502 <213> ORGANISM: Homo sapiens
506 <400> SEQUENCE: 9
508 accaccatgg cactgcaggc tgaattcgac aaggctgcag aagacgtgag gaagctgccca 60
510 acaagaccag cagataataa agaactgaaa aaactcgatg gactttacaa acaagctata 120
512 attggagaca ttaatatga gtatctggga atgctggact ttaagggcaa ggccaaatgc 180
514 gcagcatgga ccctccaaaa aaggttgtca aaggaagatg caacgagtgt ctctatttct 240
516 aaggcaaaag agccgataga aaaataggac atttagaata 280
520 <210> SEQ ID NO: 10
522 <211> LENGTH: 86

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524 <212> TYPE: PRT
526 <213> ORGANISM: Homo sapiens
530 <400> SEQUENCE: 10
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534   1             5             10             15
538 Leu Pro Thr Arg Pro Ala Asp Asn Lys Glu Leu Lys Lys Leu Asp Gly
540             20             25             30
544 Leu Tyr Lys Gln Ala Ile Ile Gly Asp Ile Asn Ile Glu Tyr Leu Gly
546             35             40             45
550 Met Leu Asp Phe Lys Gly Lys Ala Lys Cys Ala Ala Trp Thr Leu Gln
552             50             55             60
556 Lys Arg Leu Ser Lys Glu Asp Ala Thr Ser Val Ser Ile Ser Lys Ala
558   65             70             75             80
562 Lys Glu Pro Ile Glu Lys
564             85
570 <210> SEQ ID NO: 11
572 <211> LENGTH: 267
574 <212> TYPE: DNA
576 <213> ORGANISM: Homo sapiens
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584 aagggtcccg tgagc gatca ggagaagctg ctggtctacg gcttgataca acaggccacc 120
586 cagggcgact gcgacatccc cggccctccg gcctcagacg tgagagccag ggccaagtgg 180
588 gaggcttgga gcgcgaacaa agggcgctcc aagatggacg ccatgagggg ctacgcggcc 240
590 aaagtggagg agctgacgaa gaaggaa                                267
594 <210> SEQ ID NO: 12
596 <211> LENGTH: 89
598 <212> TYPE: PRT
600 <213> ORGANISM: Homo sapiens
604 <400> SEQUENCE: 12
606 Thr Ala Ser Thr Thr Pro Cys Ala Lys Trp Ser Ser Ser Cys Ala Ala
608   1             5             10             15
612 Leu Lys Gln Leu Lys Gly Pro Val Ser Asp Gln Glu Lys Leu Leu Val
614             20             25             30
618 Tyr Gly Leu Tyr Lys Gln Ala Thr Gln Gly Asp Cys Asp Ile Pro Gly
620             35             40             45
624 Pro Pro Ala Ser Asp Val Arg Ala Arg Ala Lys Trp Glu Ala Trp Ser
626             50             55             60
630 Ala Asn Lys Gly Ala Ser Lys Met Asp Ala Met Arg Gly Tyr Ala Ala
632   65             70             75             80
636 Lys Val Glu Glu Leu Thr Lys Lys Glu
638             85
644 <210> SEQ ID NO: 13
646 <211> LENGTH: 481
648 <212> TYPE: DNA
650 <213> ORGANISM: Homo sapiens
654 <400> SEQUENCE: 13
656 tcttcttcgt cagctcctcc actttggccg cgtagccct catggcgctc atcttggacg 60
658 cccctttgtt cgcgctccaa gcctcccact tggccctggc tctcacgtct gaggccggag 120

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RAW SEQUENCE LISTING ERROR SUMMARY
 PATENT APPLICATION: US/10/083,919A

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:1; N Pos. 95
 Seq#:2; Xaa Pos. 32
 Seq#:34; N Pos. 123,143
 Seq#:37; Xaa Pos. 4,6,7,8,9,10,11,17,20
 Seq#:38; Xaa Pos. 4,6,7,8,9,10,11,13,14,15,17,18,20
 Seq#:39; Xaa Pos. 6,8,9,10,11,14,15,17,19,20
 Seq#:40; Xaa Pos. 3,4,9,11,13,16,18
 Seq#:41; Xaa Pos. 2,3,4,6,7,9,11,12,13,14,15,16,17
 Seq#:42; Xaa Pos. 6,7,9,10,11,14,15,17,18,20
 Seq#:43; Xaa Pos. 7,10,11,13,14,15,17,18,19,20
 Seq#:44; Xaa Pos. 3,4,6,7,9,10,11,12,13,14,15,17,18
 Seq#:45; Xaa Pos. 2,3,6,7,10,11,13,14,15,18
 Seq#:72; Xaa Pos. 1,6,9,12,16,17,19,21,33,34,41,55,65,69,73,77,85
 Seq#:148; Xaa Pos. 2,3,6,7,10,11,13,14,15,18
 Seq#:154; Xaa Pos. 61
 Seq#:155; Xaa Pos. 25
 Seq#:182; N Pos. 279,390

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 1,3,5,7,9,11,13,15,31,33,35,37,39,41,45,47,49,51,53,55,57
 Seq#:1; Line(s) 59,61,63,65,67,69,71,73,75,77,79,81,83,85,87,89,91,93,95,97
 Seq#:1; Line(s) 99,101,103,105,107,109,111,113,115,117,119,121,123,125,129
 Seq#:1; Line(s) 131,133,135,137,139,141,143,145,147,151,153,155,157,159,161
 Seq#:1; Line(s) 163,165,167,169,171
 Seq#:2; Line(s) 173,175,180,182,184,186,188,190,192,194,196,198,200,202,204
 Seq#:2; Line(s) 206,208,210,212,214,216,218,220,222,224,226,228,230,232,234
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 Seq#:3; Line(s) 238,240,242,244,246,248,250,252,254,256,258,260,262
 Seq#:4; Line(s) 264,266,268,270,272,274,276,278,280,282,284,286,288,290,292
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 Seq#:5; Line(s) 344,346
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RAW SEQUENCE LISTING ERROR SUMMARY
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Input Set : N:\AMC\PTO.AMC.txt
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Seq#:18; Line(s) 780, 782, 784, 786, 788, 790, 792, 794, 796, 798, 800, 802, 804
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Seq#:20; Line(s) 832, 834, 836, 838, 840, 842, 844, 846, 848, 850, 852, 854, 856
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Seq#:24; Line(s) 1192, 1194
Seq#:25; Line(s) 1196, 1198, 1200, 1202, 1204, 1206, 1208, 1210, 1212, 1214, 1216

VERIFICATION SUMMARY

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L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:60
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:1656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:120
L:1958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:2244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:2340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:2496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
M:341 Repeated in SeqNo=41
L:2622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
M:341 Repeated in SeqNo=43
L:2904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:3030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
M:341 Repeated in SeqNo=45
L:4435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:8469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148 after pos.:0
M:341 Repeated in SeqNo=148
L:8820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:48
L:8854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:16
L:9704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:240
M:341 Repeated in SeqNo=182



OIPE

RAW SEQUENCE LISTING

DATE: 03/10/2003

PATENT APPLICATION: US/10/083,919A

TIME: 13:22:34

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03102003\J083919A.raw

5 <110> APPLICANT: Prayaga, Sudhirdas K
7 Shimkets, Richard A
9 Majumder, Kumud
11 Eisen, Andrew
13 Vernet, Corine
15 Spaderna, Steven K
17 Baumgartner, Jason
19 Gorman, Linda
21 Gusev, Vladimir
23 Padigar, Muralidhara
25 Patturajan, Meera
27 Tchernev, Velizar
29 Li, Li
33 <120> TITLE OF INVENTION: ENDOZEPINE-LIKE POLYPEPTIDES AND POLYNUCLEOTIDES
35 ENCODING SAME
39 <130> FILE REFERENCE: 15966-575CIP
43 <140> CURRENT APPLICATION NUMBER: 10/083,919A
45 <141> CURRENT FILING DATE: 2002-02-27
49 <150> PRIOR APPLICATION NUMBER: 60/157,786
51 <151> PRIOR FILING DATE: 1999-10-05
55 <150> PRIOR APPLICATION NUMBER: 60/164,164
57 <151> PRIOR FILING DATE: 1999-11-09
61 <150> PRIOR APPLICATION NUMBER: 60/174,505
63 <151> PRIOR FILING DATE: 2000-01-04
67 <150> PRIOR APPLICATION NUMBER: 60/183,859
69 <151> PRIOR FILING DATE: 2000-02-22
73 <150> PRIOR APPLICATION NUMBER: 60/190,740
75 <151> PRIOR FILING DATE: 2000-03-20
79 <150> PRIOR APPLICATION NUMBER: 60/191,133
81 <151> PRIOR FILING DATE: 2000-03-22
85 <150> PRIOR APPLICATION NUMBER: 60/206,006
87 <151> PRIOR FILING DATE: 2000-05-19
91 <150> PRIOR APPLICATION NUMBER: 60/215,684
93 <151> PRIOR FILING DATE: 2000-06-30
97 <150> PRIOR APPLICATION NUMBER: 60/219,490
99 <151> PRIOR FILING DATE: 2000-07-20
103 <150> PRIOR APPLICATION NUMBER: 60/227,072
105 <151> PRIOR FILING DATE: 2000-08-22
109 <150> PRIOR APPLICATION NUMBER: 09/679,460
111 <151> PRIOR FILING DATE: 2000-10-04
115 <150> PRIOR APPLICATION NUMBER: 09/679,740
117 <151> PRIOR FILING DATE: 2000-10-05
121 <150> PRIOR APPLICATION NUMBER: 60/271,909

Does Not Comply
Corrected Diskette Needed

P.2

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/083,919A

DATE: 03/10/2003

TIME: 13:22:34

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03102003\J083919A.raw

123 <151> PRIOR FILING DATE: 2001-02-27

127 <160> NUMBER OF SEQ ID NOS: 202

131 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

10499 <210> SEQ ID NO: 202

10501 <211> LENGTH: 27

10503 <212> TYPE: DNA

10505 <213> ORGANISM: Artificial Sequence

10509 <220> FEATURE:

10511 <223> OTHER INFORMATION: Description of Artificial Sequence: synthetic

10513 construct; chemically synthesized

10517 <400> SEQUENCE: 202

10519 acatcaagtt aacagtatgc ctctccc

27

E--> 10523 Page 188

delete

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/083,919A

DATE: 03/10/2003
TIME: 13:22:37

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03102003\J083919A.raw

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

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Seq#:1; Line(s) 59,61,63,65,67,69,71,73,75,77,79,81,83,85,87,89,91,93,95,97
Seq#:1; Line(s) 99,101,103,105,107,109,111,113,115,117,119,121,123,125,129
Seq#:1; Line(s) 131,133,135,137,139,141,143,145,147,151,153,155,157,159,161
Seq#:1; Line(s) 163,165,167,169,171
Seq#:2; Line(s) 173,175,180,182,184,186,188,190,192,194,196,198,200,202,204
Seq#:2; Line(s) 206,208,210,212,214,216,218,220,222,224,226,228,230,232,234
Seq#:2; Line(s) 236
Seq#:3; Line(s) 238,240,242,244,246,248,250,252,254,256,258,260,262
Seq#:4; Line(s) 264,266,268,270,272,274,276,278,280,282,284,286,288,290,292
Seq#:4; Line(s) 294,296,298,300,302,304,306,308,310,312
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Seq#:5; Line(s) 344,346
Seq#:6; Line(s) 348,350,352,354,356,358,360,362,364,366,368,370,372,374,376
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Seq#:12; Line(s) 624,626,628,630,632,634,636,638,640,642,644
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RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/083,919A

DATE: 03/10/2003
TIME: 13:22:37

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF4\03102003\J083919A.raw

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Seq#:23; Line(s) 1160,1162,1164,1166,1168
Seq#:24; Line(s) 1170,1172,1174,1176,1178,1180,1182,1184,1186,1188,1190
Seq#:24; Line(s) 1192,1194
Seq#:25; Line(s) 1196,1198,1200,1202,1204,1206,1208,1210,1212,1214,1216

VERIFICATION SUMMARY

DATE: 03/10/2003

PATENT APPLICATION: US/10/083,919A

TIME: 13:22:37

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\03102003\J083919A.raw

L:159 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1 after pos.:60
L:198 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2 after pos.:16
L:1656 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:34 after pos.:120
L:1958 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:37 after pos.:0
M:341 Repeated in SeqNo=37
L:2114 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:38 after pos.:0
M:341 Repeated in SeqNo=38
L:2244 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:39 after pos.:0
M:341 Repeated in SeqNo=39
L:2340 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:40 after pos.:0
M:341 Repeated in SeqNo=40
L:2496 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:41 after pos.:0
M:341 Repeated in SeqNo=41
L:2622 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:42 after pos.:0
M:341 Repeated in SeqNo=42
L:2748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:43 after pos.:0
M:341 Repeated in SeqNo=43
L:2904 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:44 after pos.:0
M:341 Repeated in SeqNo=44
L:3030 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:45 after pos.:0
M:341 Repeated in SeqNo=45
L:4435 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:8469 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:148 after pos.:0
M:341 Repeated in SeqNo=148
L:8820 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:154 after pos.:48
L:8854 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:155 after pos.:16
L:9704 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:182 after pos.:240
M:341 Repeated in SeqNo=182
L:10523 M:254 E: No. of Bases conflict, LENGTH:Input:188 Counted:31 SEQ:202
L:10523 M:320 E: (1) Wrong Nucleic Acid Designator, NUMBER OF INVALID KEYS:2
L:10523 M:252 E: No. of Seq. differs, <211> LENGTH:Input:27 Found:31 SEQ:202